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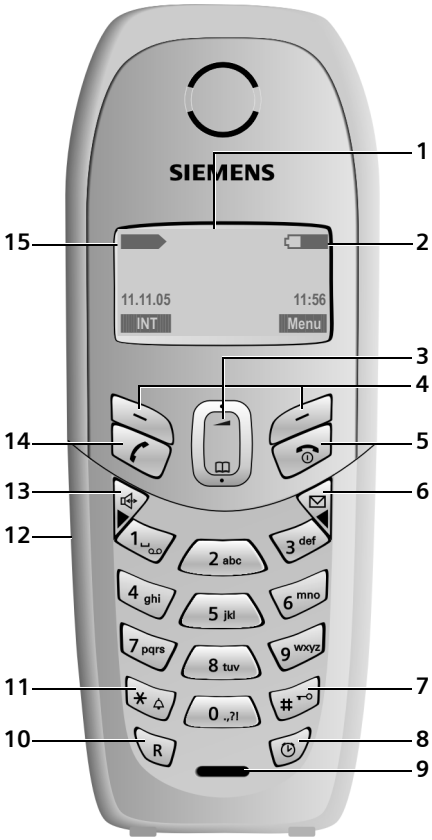
Gigaset C450

Gigaset

The handset at a glance



1 **Display** in idle status
2 **Battery charge level**
(1/3 charged to fully charged)
flashes: battery almost flat
flashes: battery charging
3 **Control key** (page 10)
4 **Display keys** (page 10)
5 **End call key, On/Off key**
End call, cancel function, go back one menu level (press briefly), back to idle status (press and hold), activate/deactivate handset (press and hold in idle status)
6 **Message key**
Opens calls and message lists
Flashes: new message or new call
7 **Hash key**
Keypad lock on/off (press and hold, page 10)
Toggle between upper/lower case letters and digits for text entry (page 28)
8 **Alarm clock key** (page 22)
Activate and deactivate the alarm clock
9 **Microphone**
10 **Recall key**
Enter flash (press briefly)
Insert a pause (press and hold)
11 **Star key**
Ringtones on/off (press and hold in idle status),
12 **Connection socket for headset** (page 6)
13 **Handsfree key**
Switch between earpiece and handsfree mode
Lights up: handsfree activated
Flashes: incoming call
14 **Talk key**
Answer a call, open last number redial list (press briefly), start dialling (press and hold)
15 **Signal strength**
(low to high)
flashes: no reception

Base station at a glance

1 Paging key

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Safety precautions

Caution:
Read the safety precautions and the user guide before use.
Explain their contents to your children, and the potential hazards associated with using the telephone.

Only use the mains adapter supplied, as indicated on the underside of the base station.

Fit only the **recommended rechargeable batteries (page 27)** of the same type! I.e. do not use any other battery type or non-rechargeable batteries as this could result in significant health risks and personal injury.

Insert rechargeable batteries with the correct polarity, and use them according to this user guide (polarity symbols can be seen in the handset's battery compartment, page 4).

The operation of medical appliances may be affected. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery.

The handset may cause an unpleasant humming noise in hearing aids.

Do not install the base station in bathrooms or shower rooms. The handset and base station are not splash proof (page 25).

Do not use the phone in environments with a potential explosionhazard, e.g. auto paint shops.

If you give your Gigaset to someone else, make sure you also give them the user guide.

Dispose of used devices and batteries in accordance with statutory requirements.

Note:
Not all of the functions described in this manual are available in all countries.

Gigaset C450 – more than just a telephone

Your phone not only enables you to send and receive text messages over the fixed network and store up to 100 telephone numbers (page 12) – it can do a whole lot more:

- You can programme the keys of your phone with important phone numbers. The number is then dialled by simply pressing a key (page 12).
- Use the handsfree function (page 9) to keep your hands free when making a call.
- Use your handset as an alarm clock (page 22).

Have fun using your new telephone!

First Steps

Pack contents

The pack contains:

- one Gigaset C450 base station
- one Gigaset C45 handset
- one mains adapter
- one phone cord
- two batteries
- one battery cover
- one belt clip
- one user guide

Installing the base station

The base is designed to be operated in enclosed, dry areas at temperatures ranging from +5 °C to +45 °C.

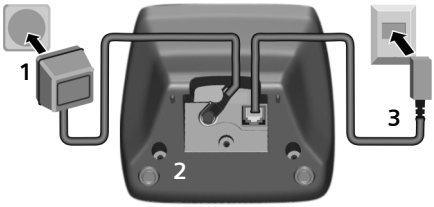
▶ Set up the base station at a central point in the apartment or house.

Please note:

- Never expose the telephone to heat sources, direct sunlight, other electrical appliances.
- Protect your Gigaset from moisture, dust, corrosive liquids and vapours.

Connecting the base station

▶ **First** connect the mains adapter and **then** the phone jack as shown below .

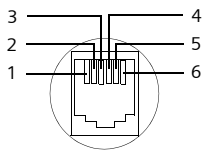


1 Mains adapter 230 V
2 Underside of the base
3 Phone jack with phone cord

Please remember:

- Keep the mains adapter **plugged in at all times** for operation as the phone does not work without mains connection.
- If you buy a replacement phone cord from a store ensure that the phone jack is connected correctly.

Correct phone jack assignment



1 unused
2 unused
3 a
4 b
5 unused
6 unused

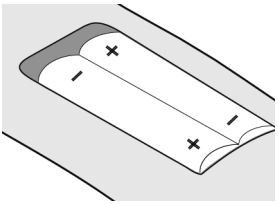
Setting up the handset for use

Inserting the batteries

Caution:
Use only the rechargeable batteries recommended by Siemens on page 27. I.e. never use a conventional (non-rechargeable) battery or other battery type, otherwise serious damage to health and property cannot be ruled out, e.g. the outer casing of the batteries could be destroyed or the batteries could explode. The phone could also malfunction or be damaged as a result of using batteries that are not of the recommended type.

▶ Fit the batteries with the correct polarity (see diagram).

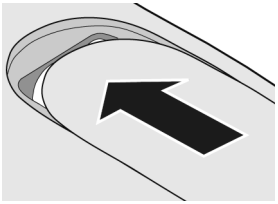
The polarity is indicated in the battery compartment.



The handset switches on automatically. You will hear a confirmation tone.

Closing the battery cover

▶ Position the cover pointing slightly downwards and push it up until it clicks into position.



Opening the battery cover

▶ Press below the upper curve on the battery cover and slide down.

Placing the handset in the base station and registering

Important: the handset must not already be registered to a base station.

Registering the handset to the Gigaset C450 base station occurs automatically.

▶ Place the handset in the charging cradle of the base unit with its **display facing forward**.

You will hear a confirmation tone.

Automatic registration takes around one minute. While registration is in progress the screen displays **Registering** and **Base** flashes. The handset is assigned the lowest unassigned internal number (1–4). If several handsets are registered to the base, the internal number is shown in the display after registration, e.g. **INT 2**. This means that the handset has been assigned the internal number 2. If the handset has been registered successfully you will see the display key **INT** at the bottom left of the display.

Notes:

- Automatic registration is not possible when the base station on which you wish to register the handset is being used to make a call.
- A key press cancels automatic registration.
- If four handsets are already registered to the base station there are two options:
  - The handset with the internal number 4 is in idle status: the handset you wish to register is assigned the number 4. The handset that was previously number 4 is de-registered.
  - The handset with the internal number 4 is being used: the handset you wish to register cannot be registered.
- If automatic registration does not work the handset will have to be registered manually (page 19).

▶ To charge the batteries, leave the handset in the charging cradle on the base station.

Notes:

- The handset may only be placed in the base provided for it.
- If the handset has switched itself off because the batteries are flat and is then placed in the cradle, it will switch itself on automatically.

For questions and problems see page 25.

Initial charging and discharging of batteries

Battery charging is indicated in the top right of the display by a flashing battery icon , or . During handset operation, the battery icon indicates the charge status of the batteries (page 1).

The correct charge status can only be displayed when the batteries are first fully charged **and** discharged through use.

▶ To do this, leave the handset in the base without interruption until the battery icon stops flashing in the display (approx. 13h).

▶ Once the batteries are fully charged, remove the handset from the base and do not put it back again until the batteries are fully discharged.

Note:
After the first battery charge **and** discharge you may replace your handset in its base after every call.

Please remember:

◆ Always repeat the charging and discharging procedure if you remove the batteries from the handset and re-insert them.

- The batteries may warm up as they are charging. This is not dangerous.
- After a time the charge capacity of the batteries will decrease for technical reasons.

Note:
You will find explanations for the symbols and typographical conventions used in this user guide in the appendix, page 25.

Setting the date and time

Menu ➜ Settings ➜ Date/Time

Enter the day, month and year with 6 digits and press OK. Use to move between the fields.

Enter hours and minutes with 4 digits (e.g. 0 7 1 5 for 07.15 hrs) and press OK. Use to move between the fields.

Once the phone is registered and the time set, the idle display looks as shown on page 1.

Your phone is now ready for use.

Belt clip and headset

By using a belt clip and headset (optional) you can easily make your mobile phone a constant companion both inside the building and in its immediate vicinity.

Attaching the belt clip

There are notches for attaching the belt clip on the side of the handset at approximately the same height as the display.

- Press the belt clip onto the back of the handset so that the protrusions on the belt clip engage with the notches.

The belt clip's clasp must be pointing towards the battery compartment.

Connection socket for headset

You can connect the following types of headset (with jack connector): HAMA Plantronics M40, MX100 and MX150.

Menu tree

There are two ways to select a function:

Using number combinations ("shortcut")

- To open the main menu, press Menu with the handset in idle status.
- Enter the number combination that is in front of the function in the menu tree.
- **Example**: Menu **4 2 2** for "Set handset language".

Scrolling through the menus (see also page 25)

- To open the main menu, press Menu with the handset in idle status.
- Scroll to the required function with the control key and press OK.

1 SMS

1-1	Write Message				
1-2	Incoming 00+00				
1-3	Outgoing				
1-4	Settings	1-4-1	Service Centres	1-4-1-1	Service Centre 1
				...	[to]
				1-4-1-3	Service Centre 3
		1-4-2	Register to Service Centres		

2 Alarm Clock

2-1	Activation
2-2	Wakeup time

3 Audio Settings

3-1	Ringer Volume		
3-2	Ringer Melody	3-2-1	External Calls
		3-2-2	Internal Calls
		3-2-3	Alarm Clock
3-3	Advisory Tones		
3-4	Battery Low	3-4-1	Off
		3-4-2	On
		3-43	During Call

4 Settings

4-1	Date/Time				
4 2	Handset	4-2-1	Display	4-2-1-1	Screensaver
				4-2-1-2	Colour Scheme
				4-2-1-3	Contrast
				4-2-1-4	Backlight
		4-2-2	Language		
		4-2-3	Auto Answer		
		4-2-4	Register Handset		
		4-2-5	Reset Handset		
4-3	Base	4-3-2	System PIN		
		4-3-3	Base Reset		
		4-3-4	Listening in		
		4-3-5	Preselection	4-3-5-1	Preselection Number
				4-3-5-2	With Preselection
				4-3-5-3	Without Preselection

5 Voice Mail

5-1	Set Key 1	5-1-1	Network Mailbox

Making calls

Making an external call

External calls are calls using the public telephone network.

Enter the number and press the talk key.

Or:

Press **and hold** the talk key and then enter the number.

You can cancel the dialling operation with the end call key.

Notes:
- Dialling with the directory (page 12) or last number redial list (page 13) saves repeated keying of phone numbers.
- You can assign a number from the directory to a key for speed dialling (page 12).
- You can edit or add to any phone number selected by means of quick dialling or from the directory and use it for the current call.

Ending a call

Press the end call key.

Answering a call

The handset indicates an incoming call in three ways: by ringing, by a display on the screen, and by the flashing handsfree key.

You can accept the call by:

- Pressing the talk key.
- Pressing the handsfree key.

If the handset is in the base and the **Auto Answer** function is activated (page 21), the handset will take a call automatically when you lift it out of the base.

If the ringtone is intrusive, press **Menu** **Silent**. You can take the call so long as it is displayed on the screen.

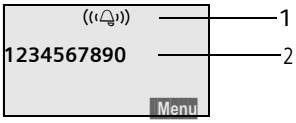
Calling Line Identification.

When you receive a call, the caller's number is displayed on the screen if the following conditions are met:

- Your network provider supports CLIP, CLI:
  - CLI (Calling Line Identity): the caller's number is transmitted
  - CLIP (Calling Line Identification Presentation): the caller's number is displayed
- You have arranged CLIP with your network provider.
- The caller has arranged CLI with the network provider.

Call display with CLIP/CLI

If the caller's number is stored in your directory, you will see their name.



1 Ring icon
2 Number or name of caller

The following is displayed in place of the number:

- **External Call**, if no number is transmitted.
- **Withheld**, if the caller has withheld Calling Line Identification.
- **Unavailable** , if the caller has not arranged Calling Line Identification.

Handsfree operation

In handsfree mode, instead of holding the handset to your ear you can put it down e.g. on the table in front of you to allow others to participate in the call.

Activating/deactivating handsfree

Activating while dialling

Enter the number and press the handsfree key.

- You should inform your caller before you use the handsfree function so that they know someone else is listening.

Switching between earpiece and handsfree mode

Press the handsfree key.

Switch handsfree on and off during a call .

If you wish to place the handset in the base station during a call:

- Press and hold the handsfree key while placing the handset in the base station. If handsfree key does not light up, press the key again.

For how to adjust the volume, see page 21.

Operating the handset

Switching the handset on/off

Press the end call key long.

You will hear the confirmation tone.

Activating/deactivating the keypad lock

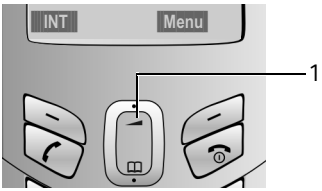
Press and **hold** the hash key.

You will hear the confirmation tone. The icon appears in the display when the keypad lock is activated.

The keypad lock deactivates automatically when you receive a call and activates again after the call.

Note:
The handset displays an advisory message if you press a key by accident while the keypad lock is on. To deactivate the keypad lock, press the hash key **and hold**.

Control key on the handset



1 Control key

In this user guide, the side of the control key that you must press in the given operating situation is shown in black (top, bottom). Example: for "press the top of the control key".

The control key has a number of different functions:

When the handset is in idle status

Open the directory.

Adjust the ringer melody volume of the handset (page 21).

In lists and menus

/ Scroll up/down line by line.

In an input field

/ Move the cursor **left** or **right**.

During an external call

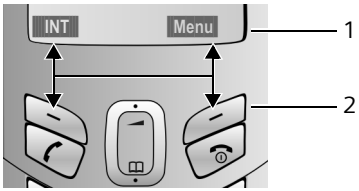
Open the directory.

Adjust loudspeaker volume for earpiece and handsfree mode.

Display keys

The current display functions are shown in the bottom display line in reversed highlights. The function of the display keys changes depending on the particular operating situation.

Example:



1 Current display key functions
2 Display keys

The most important display symbols are:

Back	Go back one menu level or cancel operation.
INT	Make an internal call (page 20).
Menu	Open the main menu or a context-dependent menu.
OK	Confirm highlighted selection.
<C	Delete key: backspace delete one character at a time.

Returning to idle status

You wish to return to idle status from anywhere in the menu:

▶ Press the end call key and hold.

Or:

▶ Do not press any key: after 2 minutes the display will **automatically** revert to idle status.

Changes which you have not confirmed/stored by pressing OK will be rejected.

For an example of the display in idle status, page 1.

Menu guidance

Your telephone's functions are accessed using a menu that has a number of levels.

Main menu (first menu level)

▶ To open the main menu, press Menu with the handset in idle status.

Accessing a function

▶ Scroll to the function with the control key and press OK.

Or:

▶ Enter the number that is in front of the function in the menu tree (page 7).

The corresponding submenu (the next menu level) is opened.

Submenus

The functions in the submenus are displayed as lists.

To access a function:

▶ Scroll to the function with the control key and press OK.

Or:

▶ Enter the number combination that is in front of the function in the menu tree (page 7).

A short press on the end call key returns you to the previous menu level / cancels the operation.

Correcting incorrect entries

- Navigate to the wrong input with the control key if is displayed.
- Press C to delete the character to the left of the cursor.
- Insert new character to the left of the cursor.
- When entering the time and date etc., edit the flashing character.

You will find explanations for the symbols and typographical conventions used in this user guide in the appendix, page 25.

Using the directory and lists

The options are:

- Directory
- Last number redial list
- SMS list
- Calls list

You can save 100 entries in the directory.

You can create a personalised directory for your own individual handset. However you can send the list or individual entries to other handsets (page 12).

Directory

You can store numbers and the associated names in the **directory**.

▶ With the handset in idle status, open the directory by pressing the key.

Length of an entry

Number: max. 32 digits
Name: max. 16 characters

Note:
You can assign a number from the directory to a key for speed dialling (page 12).

Storing the first number in the directory

→ OK → Directory empty New Entry?
Enter number and press OK.
Enter the name and press OK.

Storing a number in the directory

→ Menu → New Entry
Enter number and press OK.
Enter the name and press OK.

Selecting a directory entry

Open the directory.

You have the following options:

- Use to scroll to the entry until the required name is selected.
- Enter the first character of the name, or scroll to the entry with .

Dialling with the directory

→ (select entry; page 12)
Press the talk key. The number is dialled.

Managing directory entries

You have selected an entry (page 12).

Editing entries

Menu → Edit Entry
Edit the number if required, and press OK.
Edit the name if required, and press OK.

Using other functions

→ (select entry; page 12) → Menu

The following functions can be selected with :

Use Number
Edit or add to a stored number. Then dial or use other functions with Menu.

Delete Entry
Delete selected entry.

Send Entry
Send a single entry to another handset (page 12).

Delete List
Delete **all** directory entries.

Send List
Send the complete list to another handset (page 12).

Shortcut
Assign to the current entry for speed dialling to a selected key.

Using quick dial keys

▶ Press and **hold** the required quick dial key.

Sending the directory to another handset

Requirements:

- The sending and receiving handsets must both be registered to the same base station.
- The other handset and base station can send and receive directory entries.

→ (select entry; page 12) → Menu → Send Entry / Send List
Enter the internal number of the receiving handset and press OK.

A successful transfer is confirmed by a message and confirmation tone on the receiving handset.

If you have sent a single entry, you can transfer another entry with OK.

Please remember:

- Entries with identical numbers are not overwritten in the receiving handset.
- The transfer is cancelled if the phone rings or if the memory of the receiving handset is full.

Adding a displayed number to the directory

You can copy to the directory any numbers that appear in a list, e.g. the calls list or the last number redial list.

A number is displayed.

Menu ➔ Copy to Directory

▸ Complete the entry (page 12).

Copying a number from the directory

You can open the directory in many operating situations e.g. to transfer a number. Your handset need not be in idle status.

Open the directory.

Select entry (page 12).

Last number redial list

The last number redial list contains the ten numbers last dialled with the handset (max. 32 numbers). If one of the numbers is in the directory, then the corresponding name will be displayed.

Dialling from the last number redial list

Press the key **briefly**.

Select an entry.

Press the talk key again. The number is dialled.

Managing entries in the last number redial list

Press the key **briefly**.

Select an entry.

Menu Press the display key.

The following functions can be selected with :

Use Number (as in the directory, page 12)

Copy to Directory
Copy an entry to the directory (page 13).

Delete Entry (as in the directory, page 12)

Delete List (as in the directory, page 12)

Opening lists with the message key

You can use the message key ✉ to open the following lists:

- SMS list
- Network mailbox
  If your network provider supports this function and the network mailbox is configured for fast access (page 19).
- Calls list

An advisory tone sounds as soon as a **new entry** appears on a list. The key ✉ flashes. A message appears in the display.

When you press the flashing key ✉, you will see all the lists that contain new messages. If only one list contains new messages, this will be opened automatically.

Note:
If calls are stored in the network mailbox you will receive a message if the appropriate settings have been made (see the network mailbox instructions of your network provider).

Calls list

Requirement: CLIP (page 9)

The numbers of the last 10 missed calls are stored. Multiple calls from the same number are only stored once (the last call).

The calls list is displayed as follows:

Calls List: 01+02

Number of new entries + number of old, read entries

Opening callslist

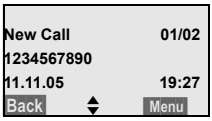
✉ ➔ Calls List: 01+02

Select entry.

The last incoming call is displayed in the **calls list**.

List entry

Example of a list entry:



- Status of entry

  In the calls list

  New Call: new missed call.

  Old Call: entry already read.

  Call recv.: call taken.
- Entry number

  01/02 means e.g.: first of a total of two entries.
- Number or name of caller

  You can add the number of the caller to the directory (page 13).
- Call date and time (if set, page 6).

You can delete the current entry with **Menu** **Delete Entry** .

Deleting the calls list

Caution! All **old and new** entries will be deleted.

✉ ➔ **Calls List:** ➔ **Menu** ➔ **Delete List**

☎ Press and **hold** (idle status).

Making cost-effective calls

Make your calls via a network provider who offers very low call charges (call-by-call), have the call duration displayed on your handset after the call. You can store and manage several call-by-call numbers.

Automatic network provider code (preselection)

You can specify a call-by-call number (preselection number) which is **automatically** placed in front of certain numbers according to two lists when you dial them.

- The list "**with preselection**" contains the "rule" for dialling code numbers or the first digits of dialling code numbers with which you wish the preselection number to be used.
- The list "**without preselection**" contains the "exception to the rule".

Example:

You have entered 08 for "with preselection". Now all numbers that start with 08 will be dialled with preselection.

However, if you want, for example, that 081 is still dialled without preselection, enter 081 for "without preselection".

Storing preselection numbers

Menu ➔ **Settings** ➔ **Base** ➔ **Preselection** ➔ **Preselection Number**

Enter or edit preselection number (call-by-call number).

OK Press the display key. The entry is stored.

☎ Press and **hold** (idle status).

Saving or editing entries in the preselection lists

Each of the two lists can contain 11 entries with 4 digits.

Numbers may be prefixed according to the country in the "**with preselection**" list. This means, for example, that all national calls or calls to the mobile network are **automatically** linked to the preselection number you have stored previously.

Menu ➔ **Settings** ➔ **Base** ➔ **Preselection** ➔ **With Preselection / Without Preselection**

Select entry and press **OK**.

Enter or edit first digits of number.

OK Press the display key. The entry is stored.

☎ Press and **hold** (idle status).

Temporarily cancelling preselection

✆ (press and hold) ➔ **Menu** ➔ **Automatic Preselect off**

Permanently deactivating preselection

▶ Delete the preselection number with **C** and press **OK**.

Displaying the call duration

The duration of a call is displayed

- during the conversation,
- until about three seconds after the call has ended if you do not replace the handset in the charging cradle.

Note:
The actual duration of the call can vary from that shown by a few seconds.

SMS (text messages)

Your unit is supplied ready for you to send text messages immediately.

Requirements:

- Calling Line Identification (CLIP, page 9) is enabled for your phone connection.
- Your network provider supports SMS in the fixed network (information on this can be obtained from your network provider).
- You are registered with your service provider to send and receive SMS.

Text messages are exchanged between SMS centres that are operated by service providers. You must enter the SMS centre in the unit through which you wish to send and receive. You can receive SMS from **every** SMS centre that is entered if you have registered with your service provider. The registration wizard (page 15) will help you to register.

Your text message is sent through the SMS centre that is active (page 17). Only one SMS centre can be active at any one time.

If no SMS centre is entered, the SMS menu only consists of the entry **Settings** . Enter an SMS centre (page 17).

Please remember:

- If your phone is connected to a PABX, please read page 17.
- You must be registered with your service provider to receive SMS text messages.
- Each incoming SMS is signalled by a single ring (ringtone as for external calls). If you accept such an SMS call on the first ring, the SMS will be lost. To prevent this, suppress the first ringtone for all external calls (page 22).

Registering for SMS using the registration wizard

You can use the registration wizard to register with all service providers whose number you have entered to send and receive SMS messages.

Precondition:

- You must have stored a number for at least one SMS centre.

When you call up the SMS menu for the first time, the wizard automatically registers you with accessible SMS centres whose number you have entered. You can also use the registration wizard to register with SMS centres at a later time.

Menu ➔ **SMS** (on 1st. call)

Menu ➔ **SMS** ➔ **Register to Service Centres** (later)

OK — Press the display key to confirm the prompt.

You can now receive text messages from any of the SMS centres whose number you have entered (page 17).

Writing/sending an SMS

An SMS may contain up to 160 characters.

Writing/sending an SMS

Menu ➔ **SMS** ➔ **Write Message**

Write an SMS. For how to enter the text, see page 28.

Menu **Send Text**

Select and press OK.

Enter the number with prefix (including your local area code) from the directory or key it in manually, and press OK.
For SMS to an SMS mailbox: put the mailbox ID at the **end** of the number.
The SMS is sent.

Note:
If you are interrupted by an external call while writing an SMS, the text is automatically saved in the draft message list.

Draft message list

In the draft message list, you can save, edit later and send an SMS.

Saving an SMS in the draft message list

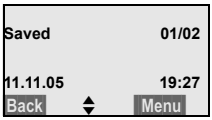
You are writing an SMS (page 15).

Menu ➔ **Save Text**

Opening the draft message list

Menu ➔ **SMS** ➔ **Outgoing**

The first entry in the list is displayed, e.g.:



01/02: Current number/total number of SMS text messages

Reading or deleting individual SMS messages

▶ Open the draft message list.

Select SMS.

Menu **Read SMS**
Select and press OK to read the message. Scroll in the SMS using .

Or:

Menu **Delete Entry**
Select and press OK to delete the message.

Writing/editing an SMS

You are reading an SMS in the draft message list.

Menu Press the display key.

You have the following options:

Write Message
Write and then send a new SMS (page 15) or save.

Use text
Edit the text of the saved SMS and then send (page 15).

Deleting draft message list

▶ Open the draft message list.

Menu **Delete List**
Select and press OK.

OK Press the display key to confirm the delete. The list is cleared.

Press and **hold** (idle status).

Receiving an SMS

All received text messages are saved in the incoming message list. Linked text messages are displayed as **one** message. If this is too long or has not transferred completely, it will be split into individual messages. Since an SMS remains in the list even after it has been read, you should **regularly delete SMS messages from the list**.

The display tells you if the message memory is full.

▶ Deleting text messages you no longer require (page 16).

Incoming list

The incoming message list contains:

◆ all received SMS messages, starting with the latest.

◆ messages that could not be sent on account of an error.

New text messages are signalled on all Gigaset C45 handsets by a message in the display, the flashing message key ✉ and an advisory tone.

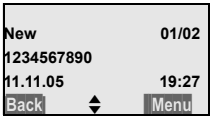
Opening the incoming message list with the ✉ key

✉ Press.

The incoming message list is displayed as follows (example):

01+05: The number of new + the number of old, read messages

An entry in the list is displayed e.g as follows:



01/02: Current Number of the SMS currently in the display / total number of new SMS messages

Opening the incoming message list via the SMS menu

Menu ➔ SMS ➔ Incoming 01+05

Reading or deleting individual SMS messages

▶ Open the incoming message list.

▶ Continue as described at "Reading or deleting individual SMS messages", page 16.

A new message which you have read acquires the status **Old**.

Deleting incoming message list

All **new and old** SMS in the list are deleted.

▶ Open the incoming message list.

Menu Press the display key.

▶ Continue as described for "Deleting draft message list", page 16.

Replying to or forwarding text messages

You are reading an SMS (page 16).

Menu Press the display key.

You have the following options:

Reply
Write and send a reply SMS directly (page 15).

Use text
Edit the text in the SMS and then send it (page 15).

Send
Forward the text of an SMS to another recipient (page 15).

Adding a number to the directory

Adding the sender's number

You are reading an SMS in the incoming message list.

Menu Press the display key.

Continue see page 13.

Note:
You can create a special directory for text messages within your main directory by putting a star (*) before the names.
An appended mailbox ID will be copied to the directory.

Setting SMS centre:

Entering/changing SMS centres

- You should find out about the services and special functions offered by your service provider **before you make a new application** and before you delete preconfigured phone numbers.

Menu ➔ **SMS** ➔ **Settings** ➔ **Service Centres**

SMS centre (e.g. select **Service Centre 1**) and press **OK**.

You have the following options:

Active Send Serv. Centre
If the SMS messages are to be sent through this SMS centre, press **OK** to activate the SMS centre (✓ = on). If a different SMS centre was active previously, then this will be deactivated.

SMS Centre No.
Enter the number of the SMS centre and press **OK**.

Sending an SMS through another SMS centre

- Activate the SMS centre (2 or 3) as the active send service centre (page 17).
- Send the SMS.

SMS to a PABX

- You can only receive an SMS when the **Calling Line Identification** (page 9) **is forwarded** to the extension of the PABX **(CLIP)**. The CLIP of the phone number for the SMS centre is evaluated in your **Gigaset**.
- Depending on your PABX, you may have to add the access code (external line prefix) before the number of the SMS centre.
  If in doubt, test your PABX e.g. by sending an SMS to your own phone number, once with and once without the access code.
- When you send SMS messages, your sender number may be sent without your extension number. In this case the recipient cannot reply to you directly.

Sending and receiving SMS **on ISDN PABXs** is only possible via the MSN number assigned to your base station.

Activating/deactivating the SMS function

When you switch off you cannot send or receive any SMS with your phone.

Settings which you have made for sending and receiving text messages (the numbers of SMS centres) and any entries in the incoming message and draft message lists will be retained even after the function is deactivated.

Menu **4 3 9 2 6**

0 **OK** Deactivate the SMS function.

Or:

1 **OK** Activate the SMS function (default settings).

SMS troubleshooting

Errors when sending

If an SMS cannot be sent for a longer period of time, it is moved to the incoming message list and given the status Error XX.

E0	Calling Line Identification permanently withheld (CLIR) or Calling Line Identification not activated.
FE	Error occurred during SMS transfer.
FD	Connection to SMS centre failed, see self-help.

Self-help with errors

The following table lists error situations and possible causes and provides notes on troubleshooting.

You cannot send messages. 1. You have not requested the CLIP service (Calling Line Identification Presentation, page 9). ▸ Ask your service provider to enable this service. 2. Text message transmission has been interrupted (e.g. by a call). ▸ Re-send the text message. 3. Network provider does not support this feature. 4. No number or an invalid number is entered for the SMS centre activated as the send centre. ▸ Enter phone number (page 17).
You receive a message whose text is incomplete. 1. Your phone memory is full. ▸ Delete old messages (page 16). 2. The service provider has not yet sent the rest of the message.
The message is played back. 1. The "display call number" service is not activated. ▸ Ask your service provider to activate this function (chargeable). 2. Mobile phone operator and network SMS service provider have not agreed on a cooperation. ▸ Obtain information from your network SMS service provider. 3. Your terminal is recorded in the records of your SMS provider as having no fixed network SMS functionality, i.e. you are no longer registered with the provider. ▸ Register your terminal (again) for SMS reception (page 15).
Messages are only received as voice messages during the day. The terminal is stored in your SMS provider's database as having no fixed network SMS functionality, i.e. you are no longer registered with the provider. ▸ Register your terminal (again) for SMS reception (page 15).
You cannot access the SMS functions on your handset. Another handset that is registered at the same base station is currently using the SMS functions. ▸ Wait until there is no other handset using the SMS functions.

Using the network mailbox

The network mailbox is your network provider's answering machine. You cannot use the network mailbox unless you have **applied** to your network provider.

Configuring the network mailbox for fast access

With fast access, you can direct dial the network mailbox.

The network mailbox is preconfigured for fast access. You only need to enter the network mailbox number.

Configuring the network mailbox for fast access and entering the network mailbox number

Menu ➔ Voice Mail ➔ Set Key 1

Network Mailbox

Select and press OK (✓ = on).

Enter the network mailbox number and press OK. The entry is stored.

Press and **hold** (idle status).

This setting is now valid for all registered handsets.

Calling the network mailbox

1 Press and **hold**. This connects you directly to the network mailbox.

Press handsfree key if required. You hear the network mailbox announcement.

Viewing a message from the network mailbox

When a message arrives for you, you get a call from the network mailbox. If you have requested Calling Line Identification, the display shows the network mailbox number. If you accept the call, the new messages are played back. If you do not accept the call, the network mailbox number will be stored in the list of missed calls and the message key flashes (page 13).

Using several handsets

Registering handsets

You can register up to four handsets on your base station.

Automatic registration Gigaset C45 to Gigaset C450, see page 5.

Manual registration Gigaset C45 to Gigaset C450

You must activate manual registration of the handset at both the handset and the base station.

After it has registered, the handset returns to idle status. If several handsets are registered to the base, the internal number is shown in the display after registration, e.g. INT 2.

The registration process is cancelled after 60 seconds. If the handset has not registered within this time, repeat the process.

On the handset

Menu ➔ Settings ➔ Handset ➔ Register Handset

Enter the system PIN of the base station (the default is 0000) and press OK. Base is flashing in the display.

On the base station

Press and hold the registration/paging key on the base station (page 1) (min. 1 sec.).

Registering other handsets

You can register other Gigaset handsets and handsets for other devices with GAP functionality as follows.

On the handset

▶ Start to register the handset as described in its user guide.

On the base station

Press and hold the registration/paging key on the base station (page 1) (min. 1 sec.).

Locating a handset ("Paging")

You can locate your handset using the base station.

- Press the registration/paging key on the base station (page 1) **briefly**.
- All handsets will ring at the same time ("paging"), even if the ringers are switched off.

Ending paging

▷ / ✆ **Briefly** press the registration/paging key on the base station (page 1) or press the talk key on the handset.

Making internal calls

Internal calls to other handsets registered on the same base station are free.

Calling other handsets

INT Press the display key. All handsets are called.

Ending a call

⏻ Press the end call key.

Transferring a call to another handset

You can transfer an external call to another handset (connect).

INT Press the display key. All handsets are called.
The external caller hears the hold music.

When an internal party answers:

- If necessary announce the external call.

⏻ Press the end call key.

The call is transferred. If the internal party does not answer, or their phone is in use, the call will automatically return to you.

Internal consultation calls

When you are speaking to an **external** participant you can simultaneously call an **internal** participant for consultation.

INT Press the display key. All handsets are called.
The external caller hears the hold music.

When an internal party answers you can speak to them.

Ending an enquiry call

Back Press the display key.

You are reconnected with the external caller.

Accepting a waiting call

If you get an **external** call while conducting an **internal** call, you will hear the call waiting tone (short tone). The caller's number will appear in the display if phone number identification is enabled.

⏻ Press the end call key to end the internal call.

✆ Press the talk key to take the external call.

Listening in to an external call

You are conducting an external call. An internal caller can listen in on this call and take part in the conversation. All the participants are made aware of the 'listening in' by a signal tone.

Requirement: The **Listening in** function must be activated.

Activating/deactivating internal listening in

Menu ➔ **Settings** ➔ **Base** ➔ **Listening in** (✔ = on)

⏻ Press and **hold** (idle status).

Internal listening in

The line is engaged with an external call. Your screen will display information to that effect You want to listen in to the existing external call.

✆ Press and **hold** the talk key.

You are linked into the call. All participants hear a signal tone.

Ending listening in

⏻ Press the end call key.

All participants hear a signal tone.

If the **first** internal participant presses the end call key ⏻, the handset that has 'listened in' remains connected to the external caller.

Handset settings

Your handset is preconfigured, but you can change these settings to suit your individual requirements.

Changing the display language

You can view the display texts in different languages.

Menu ➔ Settings ➔ Handset ➔ Language

The current language is indicated by ✓ .

Select a language and press OK.

Press and **hold** (idle status).

If you accidentally choose a language you do not understand:

Menu 4 2 2

Press keys one after the other.

Select the correct language and press OK.

Setting the display

You have a choice of four colour schemes and several different contrasts. You can also set a screensaver and the illumination.

Menu ➔ Settings ➔ Handset ➔ Display

You have the following options:

Screensaver
There are four different screensavers and the settings No Screensaver or Digital Clock .

Colour Scheme
Four colour schemes. When the illumination is switched off the display is shown in black and white regardless of the selected setting.

Contrast

Backlight
In Charger / Without Charger . Determines whether the illumination stays on permanently or is switched off after a certain time (✓ = permanently switched on).

Note:
If the illumination is switched on outside the charging cradle, the standby time for the handset is considerably reduced!

Activating/deactivating auto answer

When this function is activated, when a call arrives you can simply lift the handset out of the base without having to press the talk key .

Menu ➔ Settings ➔ Handset

Auto Answer

Select and press OK (✓ = on).

Press and **hold** (idle status).

Adjusting the loudspeaker volume

You can set the loudspeaker volume for handsfree talking to five different levels and the earpiece volume to three different levels. You can only adjust the loudspeaker volume during a call.

You are conducting an external call.

Press the control key.

Adjust the volume and press OK.

Note:
The handsfree volume can only be adjusted when this function is set.

Changing ringtones

- Volume:
  Five volume levels (1–5; e.g. volume 2 =) and "crescendo" ring (6; volume increases with each ring =).
- Melody:
  List of pre-loaded ringer melodies. The first three melodies are the "classical" ring tones.

You can also set different melodies for the following functions:

- External Calls : For external calls
- Internal Calls : For internal calls
- Alarm Clock : For the alarm clock

Setting ringer volume

The ringer volume is the same for all types of ring.

Menu ➔ Audio Settings ➔ Ringer Volume

Or in idle status:

Press **briefly**.

Then:

Adjust the volume and press OK.

Press and **hold** (idle status).

Setting ringer melody

Set different ringer melodies for external calls, internal calls and the alarm clock.

Menu ➔ Audio Settings ➔ Ringer Melody

External Calls / Internal Calls / Alarm Clock
Select and press OK.

Select melody (✓ = on) and press OK.

Press and **hold** (idle status).

Activating/deactivating the ringer

You can turn off the ringer on your handset before you take a call or while the phone is in the idle state. You can take a call so long as it is displayed on the screen.

Deactivating the ringer

* Press the star key **and hold**, until the icon appears in the display.

Re-activating the ringer

* Press and **hold** the star key in idle status.

Activating/deactivating suppression of the first ringtone

The phone identifies an incoming SMS from the first network signal.

Menu **4 3 9 2 5**

1 OK First ring muted.

Or:

0 OK First ring audible.

Please remember:

If first ringtone muting is deactivated, then every incoming SMS will be signalled by a ringtone. If you take this type of "call" at the first ringtone, you will lose the SMS.

Advisory tones

Your handset uses 'advisory tones' to tell you about different activities and statuses. The following tones can be activated and deactivated independently of each other:

- **Advisory tones**:
  - **Key click**: Each key press is acknowledged.
  - **Confirmation tone** (rising tone sequence): at the end of an entry/setting, when the handset is placed in the base station and on arrival of an SMS or a new entry in the calls list.
  - **Error tone** (descending tone sequence): when you make an incorrect entry.
  - **Menu end tone**: when scrolling at the end of a menu.
- **Battery warning tone**: the battery requires charging.

You cannot deactivate the confirmation tone for placing the handset in the base station.

Activating/deactivating advisory tones

Menu ➔ Audio Settings ➔ Advisory Tones
Select and press OK (✓ = on).

Setting the battery warning tone

Menu ➔ Audio Settings ➔ Battery Low

On / Off / During Call
Select and press OK (✓ = on). The battery warning tone is activated or deactivated or sounds during a call.

Using the handset as an alarm clock

Activating/deactivating the alarm clock

Menu ➔ Alarm Clock ➔ Activation (✓ = on)

Or:

Press the alarm clock key.

After you activate the alarm clock, the menu for setting the wake up time opens automatically (page 22).

If the alarm clock is set, the wake up time appears with the icon in the display instead of the date.

Setting the wake up time.

Menu ➔ Alarm Clock ➔ Wakeup time

Enter the wake up time in hours and minutes, then press OK.

When the alarm clock rings…

Alarm repeat after 5 minutes

Snooze Press the display key or any key.

If you press Snooze three times the alarm clock switches off for 24 hours.

Switching off the alarm clock for 24 hours

Off Press the display key.

Restoring the handset default settings

You can reset any individual settings and changes that you have made. This will not affect entries in the directory, calls list, or SMS lists or the handset's registration to the base station.

Menu ➜ Settings ➜ Handset ➜ Reset Handset

OK Press the display key to confirm.

☎ Press and **hold** (idle status).

Cancel the reset with ☎.

Base station settings

The base station settings are carried out using a registered Gigaset C45 handset.

Changing the system PIN

You have to enter the system PIN when registering a handset to the base station.

You can change the base's 4-digit default system PIN ("0000") to a 4-digit PIN known only to yourself.

Menu ➜ Settings ➜ Base ➜ System PIN

Enter your new system PIN and press OK. For security the PIN is shown as four stars (****).

☎ Press and **hold** (idle status).

Restoring the base station to factory settings

When the settings are restored all handsets are de-registered. Each individual setting is restored. Only the date and time are retained.

Resetting the base station using the menu

Menu ➜ Settings ➜ Base ➜ Base Reset

OK Press the display key to confirm.

Resetting the base station using a key on the base station

- Remove the base station mains adapter (page 4) from the power socket.

Press the registration/paging key (page 1)and hold down.

- Replug the mains unit into your power socket.

Continue to press the registration/ paging key (page 1).

- Release the registration/paging key (page 1). The base station has now been reset.

Operating the base station on the PABX

The following settings are only needed when your PABX requires them. Please refer to the user guide for your PABX.

You cannot send or receive SMS messages on PABXs that do not support Calling Line Identification.

Dialling modes and flash time

Changing the dialling mode

You can set the dialling mode.

Menu **4 3 9 1 1**

1 OK Pulse dialling mode (DP).

Or:

0 OK Touch tone dialling (DTMF).

☎ Press and **hold** (idle status).

Setting the flash time

You can set the flash time.

Menu **4 3 9 1 2**

Enter digits for the flash time and press OK.

0 = 80 ms; **1** = 100 ms; **2** = 120 ms; **3** = 180 ms; **4** = 250 ms; **5** = 300 ms; **6** = 600 ms; **7** = 800 ms

☎ Press and **hold** (idle status).

Setting pauses

Changing pause after line seizure

You can set the length of the pause inserted between pressing the talk key and sending the phone number.

Menu **4 3 9 1 9**

Enter digit for the pause length (**1** = 1 sec.; **2** = 3 sec.; **3** = 7 sec.) and press OK.

Press and **hold** (idle status).

Changing the pause after the recall key

You can change the length of the pause if your PABX requires this (refer to the user guide for your PABX).

Menu **4 3 9 1 4**

Enter a digit for the length of the pause (**1** = 800 ms; **2** = 1600 ms; **3** = 3200 ms) and press OK.

Press and **hold** (idle status).

Appendix

Symbols and typographical conventions used

This section explains the meaning of certain symbols and typographical conventions that are used in this user guide.

Enter digits or letters.

Menu — The display functions currently in the bottom display line are shown in reversed highlights. Press the relevant display key to launch the function.

Press the top or bottom of the control key, e.g. when scrolling.

/ **0** / * etc.
Press the illustrated key on the handset.

External Calls / Internal Calls (example)
Select one of the menu functions (External Calls or Internal Calls) from the list and press OK.

Menu ➜ Audio Settings ➜ Ringer Melody (example)
Press Menu. Select Audio Settings using and press OK. Select Ringer Melody using and press OK.

Care

- Wipe the base station and handset with a **damp** cloth (do not use solvent) or an antistatic cloth.

Never use a dry cloth. This can cause static.

Contact with liquid

If the handset has come into contact with liquid:

- **Switch the handset off and remove the batteries immediately.**
- Allow the liquid to drain from the handset.
- Pat all parts dry, then place the handset with the battery compartment open and the keypad facing down in a dry, warm place f**or at least 72 hours** (**not** in a microwave, oven etc.).
- **Do not switch on the handset again until it is completely dry.**

When it has fully dried out, you will normally be able to use itagain.

Questions and answers

If you have any questions about using your phone, visit us anytime at www.siemens.com/gigasetcustomercare. The table below contains a list of common problems and possible solutions.

The display is blank. 1. The handset is not switched on. ▸ Press and **hold** the end call key . 2. The battery is flat. ▸ Charge the battery or replace it (page 4).
The handset does not respond to a key press. The keypad lock is activated. ▸ Press and **hold** the hash key # (page 10).
Base **is flashing in the display.** 1. The handset is outside the range of the base station. ▸ Move the handset closer to the base. 2. The base station is not switched on. ▸ Check the base station mains adapter (page 4).
Handset does not ring. The ringtone is switched off. ▸ Activate the ringtone (page 22).
You cannot hear a ringtone/dialling tone. Base station's phone cord has been replaced. ▸ When purchasing a new cord, ensure that it has the correct pin connections (page 4).
The incoming call number is not displayed although CLIP (page 9) **is set**. Phone number identification is not enabled. ▸ The **caller** should ask his network provider to enable Calling Line Identification (CLI).
You hear an error tone when keying an input (a descending sequence of tones). Action has failed/invalid input. ▸ Repeat the operation. Watch the display and refer to the operating instructions if necessary.

Service (Customer Care)

You can get assistance easily when you have technical questions or questions about how to use your device by using our online support service on the Internet at:

www.siemens.com/customercare

This site can be accessed at any time wherever you are. It will give you 24/7 support for all our products. It also provides interactive troubleshooting, a list of FAQs and answers plus user guides for you to download. You will also find frequently asked questions and answers in the **Questions and Answers** section of this user guide in the appendix (page 25).

If the device needs to be repaired, please contact one of our Customer Care Centers:

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	18 00 62 24 14
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 50 31 81 49
Croatia	0 16 10 53 81
Czech Republic	02 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	01805 333 222
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	01 13 73 85 89 - 98
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 66 76 44 00
Ivory Coast	80 00 03 33
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 14
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 22 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	03 21 63 11 18
Malta	00 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0900-3333102
New Zealand	08 00 27 43 63
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 00 85 32 04
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	(800) 200 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 22 84 85
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 25 18 65 04
Thailand	0 22 68 11 18
Tunisia	0 71 86 19 02
Turkey	0 21 65 79 71 00
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 31 95 78
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	45 63 22 44

Please have your record of purchase ready when calling.

Replacement or repair services are not offered in countries where our product is not sold by authorised dealers.

Authorisation

This device is intended for analogue phone lines in your network.

Country-specific requirements have been taken into consideration.

We, Siemens AG, declare that this device meets the essential requirements and other relevant regulations laid down in Directive 1999/5/EC.

A copy of the 1999/5/EC Declaration of Conformity is available at this Internet address: http://www.siemens.com/gigasetdocs.

CE 0682

Specifications

Recommended batteries

(Valid at the time of going to press)

Nickel-metal-hydride (NiMH):

- Sanyo Twicell 650
- Sanyo Twicell 700
- Sanyo NiMH 800
- Panasonic 700 mAh "for DECT"
- GP 550 mAh
- GP 700 mAh
- GP 850 mAh
- Yuasa Technology AAA Phone 600
- Yuasa Technology AAA Phone 700
- Yuasa Technology AAA 800
- VARTA Phone Power AAA 700 mAh

The handset is supplied with two recommended batteries.

Handset operating times/charging times

The following information relates to batteries with a capacity of 650 mAh.

Standby time	approx 130 hours (5 days)
Calling time	approx. 13 hours
Charging time	approx. 13 hours

The operating and charging times apply only when using the recommended batteries.

Base station power consumption

In standby mode: approx. 2 W

During a call: approx. 3 W

General specifications

DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	Time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 300 m outdoors, up to 50 m indoors
Base station power supply	230 V ~/50 Hz
Environmental conditions for operation	+5 °C to +45 °C; 20 % to 75 % relative humidity
Dialling mode	DTMF (tone dialling)/DP (dial pulsing)
Flash time	250 ms
Base station dimensions	102x 124 x 81mm (L x W x H)
Handset dimensions	141 x 53 x 31mm (L × W × H)
Base station weight	121 g
Weight of handset with battery	116 g

Writing and editing a text message

The following rules apply when writing a text message:

- The cursor is controlled with ▲ ▼.
- Characters are added to the left of the cursor.
- Press the hash key # **briefly** to switch from "Abc" mode to "123", from "123" to "abc", and from "abc" to "Abc" (upper case: 1st letter upper case, all others lower case). Press the hash key # **before** entering the letter.
- Press and **hold** the hash key # lang drücken: Shows the selection line of the characters assigned to the hash key.
- The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.

Editing text

When you press a key **and hold it**, the characters of that key appear in the bottom display line and are highlighted one after the other. When you release the key the highlighted character is inserted into the input field. For how to enter special characters, see page 28.

The display briefly shows whether upper or lower case letters or digits is selected when you switch from one mode to the next. The bottom text line displays "abc -> Abc", "Abc -> 123" or "123 -> abc".

Order of directory entries

The directory entries are usually sorted in alphabetical order. Spaces and digits take first priority. The sort order is as follows:

1. Space (shown here as ␣)
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

To get round the alphabetical order of the entries, insert a space or a digit in front of the name. These entries will then move to the beginning of the directory. Names which you have preceded with an asterisk will move to the end of the directory.

Entering special characters

Standard characters

	1 *)	1 **)	0	*⌂	#
1x	Space	Space	.	*	Abc--> 123
2x	1	↵	,	/	123 --> abc
3x	£	1	?	(	#
4x	$	€	!	)	@
5x	¥	£	0	<	\
6x	¤	$	+	=	&
7x		¥	-	>	§
8x		¤	:	%	
9x			¿		
10x			¡		
11x			"		
12x			'		
13x			;		
14x			_		

*) Directory and other lists
**) When writing an SMS

Accessories

Gigaset Handsets

Upgrade your Gigaset to a cordless PABX:

Gigaset Handset C45

- Illuminated colour display (4096 colours)
- Various different screensavers
- Illuminated keypad
- Handsfree operation
- Polyphonic ringer melodies
- Phonebook for around 100 entries
- SMS (CLIP must be enabled)
- Alarm clock
- Headset socket

www.siemens.com/gigasetc45

All accessories and batteries are available from your mobile phone retailer.

Or you can order direct online via the Online Shop: www.siemens.com/shop. The Online Shop also has the latest product information.

SIEMENS™ Original Accessories

Only use original accessories. This will avoid possible health risks and damage, and also ensure that all the relevant regulations are complied with.

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